

Backgrounds

- beam ν_e
- Neutral current events

ν running

- measure $\sin^2 2\theta_{13}$
and δ_{CP} .
- resolve mass hierarchy for
 $\sin^2 2\theta_{13} > 0.01$
- with $\bar{\nu}$ running
 $\sin^2 2\theta_{13} > 0.003$ at 90% C.L.

If $\sin^2 2\theta_{13}$ too small δ_{CP} cannot be measured. (See Patrick's curves).